## AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions and listings of claims in the application:

1.-28. (Canceled)

29. (Currently Amended) A method of managing information exchanges in an outdoor

worksite with an office on said outdoor worksite, said outdoor worksite comprising any one of a

civil engineering worksite, a landscaping worksite, a road or rail link construction worksite or a

mining worksite, by networked networking items of apparatus which perform tasks in connection

with said outdoor worksite and which receive and/or send data, the method using an electronic

data network comprising management means cooperating with a plurality of communications

interfaces, a given said networked item of apparatus having a data link with a specified said

communications interface, said networked items of apparatus comprise mobile items and static

items, wherein all said networked items of apparatus are organized in a plurality of hierarchical

levels according to a determined dependency relationship of the outdoor worksite, and in that

said management means which includes a processor and memory and performs the method

comprising the following acts:

storing a correspondence between each said networked item of apparatus and an address

structure reflecting the hierarchical position of that networked item of apparatus in said

determined dependency relationship of the worksite in a database;

operating by converting said address structure reflecting the hierarchical position of a

said selected networked item of apparatus into a corresponding device address for accessing said

selected networked item of apparatus on said electronic data network; and

Application No. 10/595,439

Amendment "B" and Response

Reply to Office Action mailed October 14, 2009

using that device address to establish a communications link with said a selected

networked item of apparatus, via its communications interface, in response to a call addressed

with an address structure reflecting the hierarchical position of said selected networked item of

apparatus.

30.-31. (Canceled)

32. (Currently Amended) Method according to claim 29 34, wherein said address

structure is an IP (Internet Protocol) address.

33. (Previously Presented) Method according to claim 29, wherein said address

structure reflecting the hierarchical position of said selected item of apparatus is expressed as a

directory-path.

34. (Previously Presented) Method according to claim 29, wherein said worksite is

identified by a generic portion of a said address structure that comprises said address structure

reflecting the hierarchical position of a selected item of apparatus.

35. (Previously Presented) Method according to claim 29, wherein said address

structure reflecting a hierarchical position of a said item of apparatus is a Uniform Resource

Locator (URL), said URL having a directory-path portion corresponding to said address structure

reflecting the hierarchical position of said selected item of apparatus.

Application No. 10/595,439

Amendment "B" and Response

Reply to Office Action mailed October 14, 2009

36. (Previously Presented) Method according to claim 35, wherein said uniform

resource locator includes a hostname portion that is specific to said worksite.

(Canceled)

38. (Previously Presented) Method according to claim 29, further comprising an act

of converting an address structure designating an item of apparatus to be accessed in accordance

with a second hierarchy, the second hierarchy being different from the hierarchy used by the

management means to organize the hierarchical levels according to said determined dependency

relationship, into the address in said electronic network of said designated item of apparatus.

39. (Previously Presented) Method according to claim 29, further comprising an act

of assigning a separate class/sub-class, in said hierarchical position relation, to items of apparatus

as a function of whether they are static or mobile on the worksite.

40. (Previously Presented) Method according to claim 39, wherein at least some

items of mobile apparatus perform the act of relaying messages over said electronic network.

41. (Previously Presented) Method according to claim 39, further comprising an act

of determining a current position of items of mobile apparatus and the act of managing the

distribution of messages within said electronic network according to the items' current position.

Application No. 10/595,439

Amendment "B" and Response

Reply to Office Action mailed October 14, 2009

42. (Previously Presented) Method according to claim 29, wherein a first level of

class/sub-class of item of apparatus, in said hierarchical position relation, comprises mobile

units, a second level of sub-class being at least one command responsive functionally within a

said mobile unit.

43. (Previously Presented) Method according to claim 29, further comprising an act

of securing communications by providing technical means for restricting access to the network to

only authorized communications interfaces.

44. (Previously Presented) Method according to claim 29, further comprising an act

of limiting data transmissions to between only those items of apparatus which are mutually

compatible or expected to communicate with each other over said electronic network.

45. (Previously Presented) Method according to claim 44, further comprising the act

of providing a centralized monitoring and/or management of messages exchanged over said

electronic network.

46. (Currently Amended) Method according to claims 29, further comprising an act

of providing a centralized management of static or of dynamic identification allocation to the

communications interfaces operating in the network.

47. (Previously Presented) Method according to claim 29, further comprising an act

of executing automatically a work plan programming said tasks of said items of apparatus

automatically to conduct operations in said worksite, commands of said work plan designating selectively to said items of apparatus using said address structure reflecting the hierarchical

position of said selected item(s) of apparatus.

48. (Previously Presented) Method according to claim 29, wherein said items of

apparatus communicate to each other selectively, a call being made from one item of apparatus

to another using said address structure reflecting the hierarchical position of said selected item of

apparatus.

49. (Previously Presented) Method according to claim 29 for managing an automated

worksite further comprising an act of sending commands to a contour changing apparatus and to

an on-board apparatus through a defined protocol, the commands being elaborated from a

predetermined model.

50. (Previously Presented) Method according to claim 29 for managing an automated

worksite in which physical and logical addressing of the communication interfaces is separated

with a unique ID other than the IP address.

51. (Previously Presented) Method according to claim 50, wherein the physical and

logical addressing includes multiple different IP and/or unique ID addressing.

52. (Currently Amended) A system for managing information exchanges in an

outdoor worksite with an office on said outdoor worksite, said outdoor worksite comprising any

one of a civil engineering worksite, a landscaping worksite, a road or rail link construction

worksite or a mining worksite, comprising:

an electronic communications network connecting items of apparatus which

perform tasks in connection with said outdoor worksite and which receive and/or send data, the

items of apparatus comprise mobile items and static items, the electronic communications

network comprising:

management means cooperating with a plurality of communications interfaces, a

given said item of apparatus having a data link with a specified said communications

interface, wherein all said networked items of apparatus are organized in a plurality of

hierarchical levels according to a determined dependency relationship of the outdoor

worksite, said management means comprising:

means for storing a correspondence between each said item of apparatus

and an address structure reflecting the hierarchical position of that item of

apparatus in said determined dependency relationship of the outdoor worksite in a

database:

means for operating by converting said address structure reflecting the

hierarchical position of a said selected item of apparatus into a corresponding

device address for accessing said selected item of apparatus on said electronic

network; and

means operating on the basis of said device address to establish a

communications link with a selected item of apparatus, via its communications

interface, in response to a call addressed with an address structure reflecting the

hierarchical position of said selected item of apparatus.

Application No. 10/595,439 Amendment "B" and Response

Reply to Office Action mailed October 14, 2009

53.-54. (Canceled)

55. (Previously Presented) System according to claim 52, wherein the device address

includes an IP (Internet Protocol) address.

56. (Previously Presented) System according to claim 52, wherein said address

structure reflecting the hierarchical position of said selected item of apparatus is expressed as a

directory-path.

57. (Previously Presented) System according to claim 52, wherein said worksite is

identified by a generic portion of a said address structure that comprises said address structure

reflecting the hierarchical position of a selected item of apparatus.

58. (Previously Presented) System according to claim 52, wherein said address

structure reflecting a hierarchical position of a said item of apparatus is a Uniform Resource

Locator (URL), said URL having a directory-path portion of corresponding to said address

structure reflecting the hierarchical position of said selected item of apparatus.

59. (Previously Presented) System according to claim 58, wherein said URL includes

a hostname portion that is specific to said worksite.